

# RDP

## Series Dosing Pumps

### GEA-R-BL

#### Foot Mounting Dosing Pump



- ◆ **Flow Rates 4 to 62 L/Hr.**
- ◆ **Pressures Up to 16 Bar**
- ◆ **Double adjustable Output**
- ◆ **Adjustable speed manual**
- ◆ **Adjustable stroke length**
- ◆ **Low Chemical Level cutout**
- ◆ **Supplied With Accessories**
- ◆ **Built-in Priming Valve**
- ◆ **IP 65 Rating**
- ◆ **Corrosion Resistant Case**
- ◆ **Switch Mode Power Supply**
- ◆ **Supply 100 - 240 VAC**

The GEA-R-BL series of foot mounting electronic dosing pump complements our AT-BL series of surface mounting electronic dosing pump by offering a foot mounting dosing pump ideal for mounting on top of a dosing tank or any suitable flat horizontal surface.

The GEA-R-BL dosing pump features a manually adjustable control of the pump speed which may be set manually between 0 and 100% on the two-lined display with the up/down keys providing a precision setting of the pump output.

The advantage of the GEA-R-BL pumps are the manually adjustable of the pump stroke length between 0 & 100%. providing a 1000 to 1 turndown ratio (settings below 10 are not recommended)

The whole series of GEA-R pumps are supplied as standard with PVDF heads and PTFE diaphragm, for greater chemical resistance when dosing concentrated reagents. We are able to offer optional PTFE ball valves for solutions which are not compatible with ceramic.

Supplied with each pump are accessories comprising of foot valve strainer unit, injection fitting and 900 mm of soft PVC and/or ridged LDPE hoses.

The GEA-R-BL series of electronic dosing pumps are a tough reliable dosing pump designed to provide a long trouble-free life the output is rated for continuous dosing duty.

The GEA-R-BL series has the added feature of a low chemical level input, when fitted with the optional low level float switch or suction lance the pump will stop dosing when the chemical reagent runs out, this can also be used to switch the pump on & off without cutting the mains supply. Hose connections are either 4 x 6 mm or 8 x 12 mm LDPE low density polyethylene hose making the pumps easily interchangeable with our existing pumps already installed.

A wide range of other accessories is also available to complement our range of dosing pumps please call our sales hotline.

## Specifications

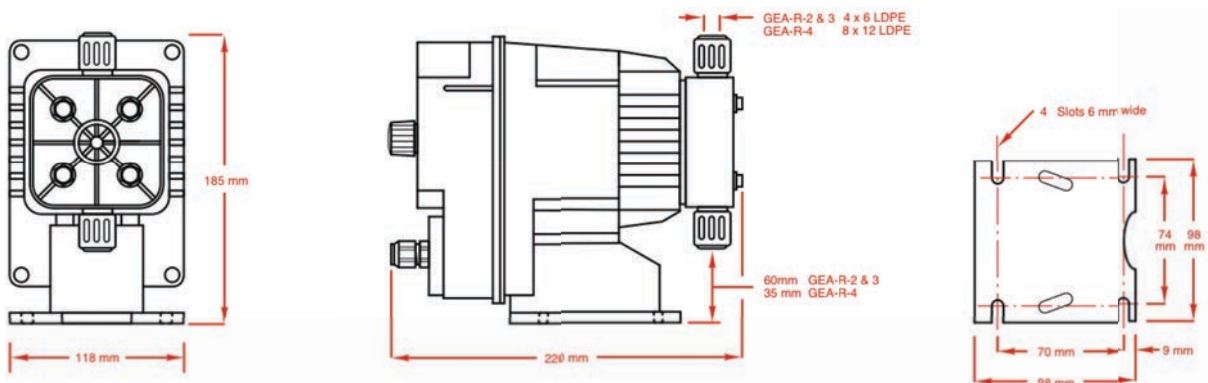
Liquid end materials pump head  
 Diaphragm  
 Valves  
 Seals & "O" Rings  
 Suction tubing  
 Delivery hose  
 Low level control  
 Weatherproof protection  
 Speed adjustment  
 Stroke length adjustment  
 Power supply

## GEA-R-BL Dosing Pump

PVDF  
 PTFE.  
 Ceramic option for PTFE  
 Viton(FPM) or Dutral (EP)  
 Similar to EPDM.  
 Soft PVC  
 Rigid LDPE others available.  
 Via optional low level float switch  
 Designed to meet IP65  
 0 - 100% Electronically by up/down keys  
 0 - 100% Manual mechanical adjustment.  
 100 to 240 VAC

Dosing Pump Outputs							
Model Number	Flow Litres/Hr.	Pressure Bar	Speed Strokes/Min	Output mls/Stroke	Hose Size mm	Power Watts	Shipping weight Kg.
GEA-R-2.BL12 - 03	4.0	12.0	160	0.31	4 X 6	20	3.5
GEA-R-2.BL10 - 04	5.0	10.0	160	0.42	4 X 6	20	3.0
GEA-R-2.BL 08 - 06	6.0	8.0	160	0.52	4 X 6	20	3.0
GEA-R-2.BL 02 - 08	8.0	2.0	160	0.83	4 X 6	20	3.0
GEA-R-3.BL 16 - 07	7.0	16.0	300	0.39	4 X 6	40	4.0
GEA-R-3.BL 10 - 10	10.0	10.0	300	0.55	4 X 6	40	4.0
GEA-R-3.BL 08 - 14	15.0	5.0	300	0.78	4 X 6	40	4.0
GEA-R-3.BL 02 - 18	18.0	1.0	300	0.89	4 X 6	40	4.0
GEA-R-4.BL 05 - 20	20	5.0	300	1.11	8 X 12	40	4.0
GEA-R-4.BL 04 - 32	32	4.0	300	1.22	8 X 12	40	4.0
GEA-R-4.BL 02 - 40	40	3.0	300	1.94	8 X 12	40	4.0
GEA-R-4.BL 02 - 62	62	2.0	300	3.33	8 X 12	40	4.0

## Dimensions



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# AWE

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